

Applicant : Stanislav Dzuban et al.  
Serial No. : 09/763,309  
Filed : February 20, 2001  
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Attorney's Docket No.: 12758-  
007001 / 1998P02420WOUS



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REMARKS

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Applicant has amended the title of the application to better reflect the invention as claimed. Applicant has also amended the specification to correct minor informalities.

The amendments to the title and the specification does not add new matter.

Claims 1 to 29 are pending in this application, with claims 1, 3-4, 7-9 and 11 having been amended, as shown above, to attend to minor informalities. Claims 1 and 11 are the independent claims. Favorable consideration and early passage to issue are respectfully requested.

Attached is a marked-up version of the changes being made by the current amendment.

Applicant asks that all claims be examined. Enclosed is a check for excess claim fees. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: \_\_\_\_\_

11/15/01

Jerry D. Lentz  
Reg. No. 33,945

Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110-2804  
Telephone: (617) 542-5070  
Facsimile: (617) 542-8906



Version with markings to show changes made

Amended claims:

Claim 1, 3-4, 7-9 and 11 have been amended as follows:

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1. (Once amended) A method of controlling setting-up a connection in a mobile communication system, comprising:

storing, in at least one subscriber database, subscriber-oriented data for a subscriber registered in a home mobile radio network;

entering the subscriber-oriented data in another [a] subscriber database when the subscriber moves; and

setting-up a connection for the subscriber with a mobile station using a mobile switching center in a visited mobile radio network, the mobile switching center being coupled to the another subscriber database;

wherein:

a subscriber number profile, which contains valid call numbers for all registered subscribers, is stored in the another subscriber database and, when the subscriber moves into the visited mobile radio network, the subscriber number profile is also stored in the subscriber database [(VLR)]; and

the mobile switching center compares the call numbers from the subscriber number profile with a called party address for a call which is initiated by the subscriber and, when a call number matches the called party address, a connection is set up to a service control point which translates the called party address into a new called party

address and sends the new called party address to the mobile switching center to set-up a connection.

3. (Once amended) The method of claim 1, wherein, in addition to the valid call numbers, the subscriber number profile contains one of a service key and [and/or] a service control point address of the service control point.

4. (Once amended) The method of claim 2, wherein, in addition to the valid call numbers in the subscriber number profile [(R-CSI)] the subscriber profile contains one of a service key and [and/or] a service control point address of the service control point.

7. (Once amended) The method of claim 6, wherein a mailbox is called by the subscriber by dialing an abbreviated call number.

8. (Once amended) The method of claim 1[6], wherein a mailbox is called by the subscriber by dialing an abbreviated call number.

9. (Once amended) The method of claim 1, wherein the valid call numbers in the subscriber number profile are stored with one of a complete number of call number digits and [or with] an abbreviated number of call number digits, and wherein [are] the valid call numbers are each compared with a corresponding number of call number digits of the called party address.

11. (Once amended) A mobile communication system for controlling a call [setting-up of a] connection, comprising:

a first memory means for storing [at least one subscriber database containing] subscriber-oriented data and a subscriber number profile having a valid call number for a subscriber [subscribers] registered in a home mobile radio network; and

second memory means for storing the [a corresponding subscriber database containing] subscriber-oriented data and the subscriber number profile when the subscriber moves into a visited mobile radio network [that is stored in accordance with an updating procedure based on a current location of the subscriber];

a mobile switching center coupled to the second memory means [corresponding subscriber database] for setting up connections with [between] the subscriber's [subscriber and a] mobile station, the mobile switching center comprising:

memory means for storing a subscriber number profile having call numbers that are valid for all registered mobile subscribers, and control means for transmitting the subscriber number profile in accordance with the updating procedure when the subscriber moves into a visited mobile radio network; and

control means for comparing call numbers from the subscriber number profile with a called party address sent by the mobile station [dialed by the subscriber], and for setting up a connection to a first service control point when the called party address matches a valid number in the subscriber number profile; and

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control means in the first service control point for translating the called party address into a new called party address and for sending the new called party address back to the mobile switching center for setting-up a new call connection with the mobile station [continuing connection set-up].